

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	137587	(nitric adj acid) or ("HNO.sub.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:52
S2	246161	((phosphoric or orthophosphoric) adj acid) or ("H.sub.3PO.sub.4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:13
S3	46521	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:30
S4	79559	"134".clas. or 438/689-757.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:44
S5	1301	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:31
S6	385	S5 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:54
S7	454050	"257".clas. or "438".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:55

## EAST Search History

S8	1556541	clean\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:45
S9	5918476	hole or trench or via	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:45
S10	956	S1 and S2 and S7 and S8 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 14:45
S11	239	S10 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:56
S12	783450	residue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:04
S13	562	S1 and S2 and S12 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:05
S14	112	S13 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:11

## EAST Search History

S15	172615	RIE or (reactive adj ion adj etch\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:11
S16	718	S1 and S2 and S7 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 15:11
S17	271	S16 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:54
S18	252918	((phosphoric or orthophosphoric) adj acid) or ("H.sub.3PO.sub.4" or "H.sub.3 PO.sub.4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:51
S19	2	("6576547").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/25 15:18
S20	32	("3577045"   "3654526"   "4080619"   "4253888"   "4289845"   "4319069"   "4700465"   "4943539"   "5256245"   "5269879"   "5368687"   "5376573"   "5420076"   "5447613"   "5470790"   "5486235"   "5514247"   "5563099"   "5607543"   "5619071"   "5661083"   "5783495"   "6012469"   "6020254"   "6037664").PN. OR ("6576547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/25 15:19

## EAST Search History

S21	38	("3577045"   "3654526"   "4080619"   "4253888"   "4289845"   "4319069"   "4700465"   "4943539"   "5017513"   "5176790"   "5256245"   "5269879"   "5302547"   "5368687"   "5376235"   "5376573"   "5420076"   "5447613"   "5470790"   "5486235"   "5508229"   "5514247"   "5563099"   "5607543"   "5619071"   "5650041"   "5661083"   "5783495"   "5872061"   "5883001"   "5888309"   "5970376"   "6012469"   "6020254"   "6037664"   "6051505"   "6228563"   "6576547").PN. OR ("6828228"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/25 15:26
S22	828658	via and metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:55
S23	1809228	semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:54
S24	454050	"257".clas. or "438".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:55
S25	79784	S24 and S22 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:56
S26	121365	via with metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:55

## EAST Search History

S27	26982	S24 and S26 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:56
S28	5067	S27 and @ad<"19970305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 13:57
S29	3603	S27 and @pd<"19970305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:03
S30	961	metal with interconnect with advantage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:05
S31	469	S24 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:06
S32	70	S31 and @pd<"19970305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:06
S33	2555	metal with interconnect with resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:05

## EAST Search History

S34	1919	S24 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:06
S35	177	S34 and @pd<"19970305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 16:29
S36	2	("4080619").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:57
S37	2	("6828228").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:57
S38	38	("3577045"   "3654526"   "4080619"   "4253888"   "4289845"   "4319069"   "4700465"   "4943539"   "5017513"   "5176790"   "5256245"   "5269879"   "5302547"   "5368687"   "5376235"   "5376573"   "5420076"   "5447613"   "5470790"   "5486235"   "5508229"   "5514247"   "5563099"   "5607543"   "5619071"   "5650041"   "5661083"   "5783495"   "5872061"   "5883001"   "5888309"   "5970376"   "6012469"   "6020254"   "6037664"   "6051505"   "6228563"   "6576547").PN. OR ("6828228"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:59
S39	252918	((phosphoric or orthophosphoric) adj acid) or ("H.sub.3PO.sub.4" or "H.sub.3 PO.sub.4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:48

## EAST Search History

S40	137587	(nitric adj acid) or ("HNO.sub.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:52
S41	7213158	contact or via	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:52
S42	30228	S39 and S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:55
S43	612205	dielectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:53
S44	11134	dual adj damascene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:53
S45	125	S39 and S40 and S41 and S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:53
S46	1	S45 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:54

## EAST Search History

S47	165	S39 and S40 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:54
S48	1	S47 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:55
S49	47845	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:55
S50	18755	S49 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:48
S51	1011	S50 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:07
S52	121289	semiconductor\$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:10
S53	938	S51 not S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:10



## EAST Search History

S54	47845	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:48
S55	35941	S39 same S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:48
S56	13325	S55 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:09
S57	13304	metal adj polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:05
S58	380484	"257".clas. or "438".clas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:06
S59	454050	"257".clas. or "438".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:06
S60	776	S57 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:07

## EAST Search History

S61	8647	organic adj semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:07
S62	734044	phthalocyanine or \$2pc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:08
S63	2362	S61 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:09
S64	65	S61 and S62 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:13
S65	429	S63 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:09
S66	8	S64 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:13
S67	2845	CuPc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:11

## EAST Search History

S68	19	S67 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:11
S69	127	S61 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:13
S70	17	S69 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:17
S71	2165161	etch\$4 or clean\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:15
S72	189	S71 with S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:15
S73	11	(S71 with S61) and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:16
S74	72	(S71 and S61) and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:16

## EAST Search History

S75	4	S74 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:17
S76	35941	S39 same S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:25
S77	2648	(S39 same S40) and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:25
S78	837	S77 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:25
S79	11904	S39 and S40 not (S39 same S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:25
S80	834	S79 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:25
S81	325	S80 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 20:34

## EAST Search History

S82	3672	metal with float\$4 with gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 20:34
S83	2230	S82 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 20:34
S84	635	S83 and @ad<"19980305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 20:40
S85	447	S83 and @pd<"19970305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 10:29
S86	4	("4200969").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 11:58
S87	65	((("5017513") or ("5176790") or ("5376235") or ("5508229") or ("5650041") or ("5970376") or ("6051505") or ("6228563") or ("6037664") or ("5607543") or ("6020254") or ("3577045") or ("3654526") or ("4080619") or ("4253888") or ("4289845") or ("4319069") or ("4943539") or ("5368687") or ("5256245") or ("5661083") or ("5619071") or ("5563099") or ("5514247") or ("5470790") or ("5447613") or ("5420076") or ("5376573") or ("5269879") or ("5486235"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 12:00

## EAST Search History

S88	52	("4961820"   "5269880"   "5380401"   "5384009"   "5401358"   "5432073"   "5474615"   "5560803"   "5670426"   "5770098"   "5783493"   "5804091"   "5858879"   "5882489"   "5904154").PN. OR ("5970376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 12:03
S89	37	("3577045"   "3654526"   "4080619"   "4253888"   "4289845"   "4319069"   "4700465"   "4943539"   "5176790"   "5256245"   "5269879"   "5302547"   "5368687"   "5376235"   "5376573"   "5420076"   "5447613"   "5470790"   "5486235"   "5508229"   "5514247"   "5563099"   "5607543"   "5619071"   "5650041"   "5661083"   "5783495"   "5872061"   "5883001"   "5888309"   "5970376"   "6012469"   "6020254"   "6037664"   "6051505"   "6228563"   "6576547").PN. OR ("6747359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 12:06